

Initial Notification of Applicability

National Emission Standards for Hazardous Air Pollutants:
Industrial, Commercial, and Institutional Boilers Area Sources

40 CFR Part 63 Subpart JJJJJJ



SECTION I : GENERAL INFORMATION

Operating Permit Number (IF AVAILABLE)^a
NA

Facility ID Number (IF AVAILABLE)^b
NA

Responsible Official's Name
Jerry Richard

Title
President

Street Address:
67 Winthrop Rd.

City:
Chester

State:
CT

ZIP Code:
06412

^a (e.g., Title V permit number)

^b (e.g., Air Facility System (AFS) facility ID)

Facility Name
Purification Technologies INC

Facility Street Address (if different than Responsible Official's Street Address listed above)
SAME

Street Address
SAME

City
SAME

State

ZIP Code

Facility Local Contact Name
Alan Prince

Title
Operations Manager

Anticipated Compliance Date(s) (mm/dd/yy) (§63.9(b)(2)(iii))^c:
March 21, 2012

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SECTION II: SOURCE DESCRIPTION

1. The table below lists each affected source (boiler and/or process heaters) per §63.9(b)(2)(iv).

Emission Unit ID ^d	Emission Unit Name (design and manufacturer's name)	Size: Rated Heat Input Capacity (mmBtu/hr) ^e	Fuels Used ^f
NA	Armstrong Ultra 80 Furnace for 2 nd floor west wing	0.125	#2 fuel oil
NA	Rheem furnace for Main Lab	0.165	#2 fuel oil
NA	Armstrong Furnace for Machine Shop	0.112	#2 fuel oil
NA	Williamson Furnace for the plant	0.25	#2 fuel oil
NA	Williamson Furnace for the plant#2	0.165	#2 fuel oil
NA	Smith Boiler for the Pump House	1.137	#2 fuel oil
NA	Buderus Boiler for the rental side	0.294	#2 fuel oil

^d If the source has an operating permit, use the IDs that are consistent with those reported in the permit.

^e mmBtu/hr refers to million British thermal units per hour. Boilers often have a nameplate listing the rated heat input capacity on the unit. This rated capacity may have also been reported to the entity insuring the boiler or the state labor and safety inspector.

^f Report all fuels used in each of the units subject to the standard (e.g., bituminous coal, #6 fuel oil, #2 fuel oil, natural gas, bark, lumber, etc.).

3. Optional: Additional notes

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4. My facility is a (please choose one): ☐ Major source ☒ Area source
of hazardous air pollutants.

If your facility is a major source of hazardous air pollutants (HAP), please refer to the National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters, 40 CFR Part 63 Subpart DDDDD at <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>.

SECTION III: CERTIFICATION

I hereby certify that the information presented herein is correct to the best of my knowledge.

Jerry Richard
Signature

August 26, 2011
Date

Jerry Richard/President
Name/title

(860) 526-7801
Telephone Number

Periodic Semiannual Report

Consolidated Federal Air Rule:

40 CFR 65 Subpart A in Conjunction with Subpart F

CAA FAD
10/16/11

Section 1. Facility Information

Company name **Purification Technologies, Inc.**

Facility name (if different): **Same**

Facility (physical location) address: **67 Winthrop Road, Chester, CT 06412**

Owner name/title: **Purification Technologies, Inc. (Eileen Himes/Owner)**

Owner/company address: **67 Winthrop Road, Chester, CT 06412**

Owner telephone number: **(860) 526-7801**

Owner email address (if available): _____

Is the Operator the same person as the Owner? Yes ☒ No ☐

If the Operator information is different from the Owner, please provide the following:

Operator name/title: _____

Operator telephone number: _____

Operator email address (if available): _____

Facility Contact name/title: **Jerry Richard/President**

Address for Contact: **67 Winthrop Road, Chester, CT 06412**

Contact telephone number: **(860) 526-7801 Extension 119**

Owner email address (if available): _____ jrichard@purificationtech.com

Section 2. Applicable Dates and Regulatory Sections

Dates covered by this Report: May 15, 2011 to November 15, 2011 (40 CFR 65.5(e)(2))
Type of Report: Semiannual Periodic Report (40 CFR 65.117(f) and 65.5(e)(2))
Due date for the report: January 13, 2011 (40 CFR 65.5(e)(2))

Section 3. Process Unit Information


- a. Type of Process: Batch Process
- b. Batch Process Equipment Train Identification: Please see the attached drawing. Process Units subject to Subpart F include:
Valves: V1 to V240 (233 Valves)
Pumps: PS1, PS2, PS3, PS4, PS5, PS7, PS8, PS9 (8 Pumps)
Connectors: F1 to F114 (108 Connectors/Flanges)
- c. Number of Pressure Tests conducted: The process units are pressure tested for each batch. A typical batch lasts for about seven days. In addition to these pressure tests, routine monitoring for leaks is conducted every 15 minutes.
- d. Number of Pressure Tests where the Equipment Train Failed the Pressure Test: None
- e. Facts explaining any delay of repairs: N/A
- f. Method of Compliance: Procedures described in 40 CFR 65.117(b)(6).

Section 4. Certification

I hereby certify that the information presented herein is correct to the best of my knowledge.


(Signature)

Jerry Richard, President
(Name/title)


(Date)

(860) 526-7801/119
(Telephone No.)

